

## Ordering Information

Catalog No.	Mounting	Finish	Lamps
6410	All Lytespan Track Systems	Matte Black	20W-50W MR-16 12V
6411		Matte White	

## Features

- Lytespan Attachment Fitting:** Die-cast zinc alloy.
- Housing:** .040" aluminum.
- Step Baffle:** Injection-molded high heat phenolic with stepped conical surface for low brightness. Integral black finish.
- Swivel:** Die-cast alloy. 90° x 350° adjustment.
- Knurled Knob:** Loosen for adjustment. Positive ratchet locking.
- Movable Brass Contact:** Extends for connection to 2nd circuit in Advent Lytespan Track.
- Polarity Key**
- Disconnect Lever:** Locks attachment fitting electrically and mechanically anywhere along track.
- Lamp Guard:** Tempered glass.

## Electrical/Dimming

Low voltage magnetic transformer designed to operate continuously inside transformer housing; 12V operating voltage. Two-pin base socket, No. 18 braided SF-1 leads. For dimming control, use only dimmers or specifically designed for use with transformers, such as Lightolier Lytemode, Scenist or Precision LV Series or equivalent.

## Options & Accessory

2" Series Color Filters and Spread Lens; Louver No. 7472.

## Finish

All painted finishes baked enamel.

## Labels

UL, I.B.E.W.

## Patents

U.S. Patent No. 3,496,518. Foreign patents granted.

## Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

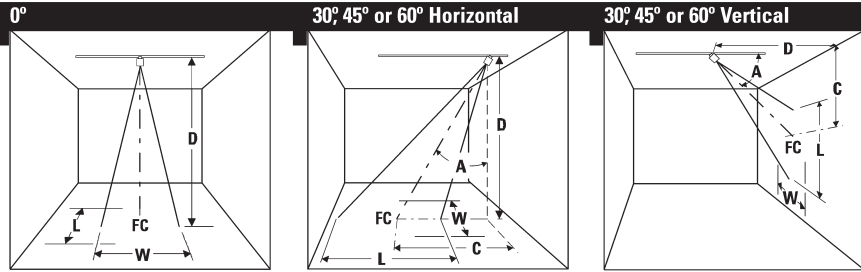




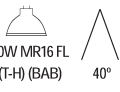
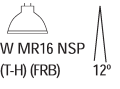
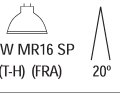
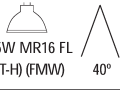




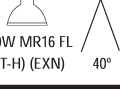
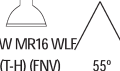
## Lighting Data

### Aiming Angle:

- L** Beam length
- W** Beam Width
- C** Distance to center beam
- D** Distance
- A** Aiming angle
- FC** Footcandles

**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial foot-candles at the center of the beam.



LAMP			0° AIMING ANGLE					A=30° AIMING ANGLE					A=45° AIMING ANGLE					A=60° AIMING ANGLE				
	Beam Spread 50% Max. CP	Beam Center C.P. Candelas	Rated Life-Hrs	D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
 0W MR16 VNSP (T-H) (EZ) 7°		8,200	3,000	7'	167	0.9'	0.9'	6'	3.5'	148	1.0'	0.8'	4'	4.0'	181	1.0'	0.7'	2'	3.5'	258	1.0'	0.5'
				10'	82	1.2'	1.2'	9'	5.2'	66	1.5'	1.3'	6'	6.0'	81	1.5'	1.0'	3'	5.2'	114	1.5'	0.7'
				13'	49	1.6'	1.6'	12'	6.9'	37	2.0'	1.7'	8'	8.0'	45	2.0'	1.4'	4'	6.9'	84	2.0'	1.0'
				16'	32	2.0'	2.0'	15'	9.7'	24	2.4'	2.1'	10'	10.0'	29	2.5'	1.7'	5'	8.7'	41	2.5'	1.2'
 0W MR16 NSP (T-H) (ESX) 13°		3,600	3,000	6'	100	1.4'	1.4'	5'	2.9'	94	1.5'	1.3'	3'	3.0'	141	1.4'	1.0'	2'	3.5'	113	1.9'	0.9'
				8'	56	1.8'	1.8'	7'	4.0'	48	2.1'	1.8'	5'	5.0'	51	2.3'	1.6'	3'	5.2'	50	2.8'	1.4'
				10'	36	2.3'	2.3'	9'	5.2'	29	2.7'	2.4'	7'	7.0'	26	3.2'	2.3'	4'	6.9'	28	3.8'	1.8'
				12'	25	2.7'	2.7'	11'	6.4'	19	3.4'	2.9'	9'	9.0'	16	4.2'	2.9'	5'	8.7'	18	4.7'	2.3'
 20W MR16 FL (T-H) (BAB) 40°		525	4,000	2'	131	1.5'	1.5'	2'	1.2'	85	2.0'	1.7'	2'	2.0'	46	3.4'	2.1'	1'	1.7'	66	4.8'	1.5'
				3'	58	2.2'	2.2'	3'	1.7'	38	3.0'	2.5'	3'	3.0'	21	5.0'	3.1'	2'	3.5'	16	9.7'	2.9'
				4'	33	2.8'	2.8'	4'	2.3'	21	4.1'	3.4'	4'	4.0'	12	6.7'	4.1'	3'	5.2'	7	14.5'	4.4'
				5'	21	3.6'	3.6'	5'	2.9'	14	5.1'	4.2'	5'	5.0'	7	8.4'	5.1'	4'	6.9'	4	19.3'	5.8'
 5W MR16 NSP (T-H) (FRB) 12°		8,700	4,000	7'	178	1.5'	1.5'	6'	3.5'	157	1.7'	1.5'	4'	4.0'	192	1.7'	1.2'	2'	3.5'	272	1.7'	0.8'
				10'	87	2.1'	2.1'	9'	5.2'	70	2.5'	2.2'	6'	6.0'	85	2.6'	1.8'	3'	5.2'	121	2.6'	1.3'
				13'	51	2.7'	2.7'	12'	6.9'	39	3.4'	2.9'	8'	8.0'	48	3.4'	2.4'	4'	6.9'	68	3.5'	1.7'
				16'	34	3.4'	3.4'	15'	8.7'	25	4.2'	3.6'	10'	10.0'	31	4.3'	3.0'	5'	8.7'	44	4.3'	2.1'
 5W MR16 SP (T-H) (FRA) 20°		3,900	4,000	6'	108	2.1'	2.1'	5'	2.9'	101	2.4'	2.0'	3'	3.0'	153	2.2'	1.5'	2'	3.5'	122	3.1'	1.4'
				8'	61	2.8'	2.8'	7'	4.0'	52	3.3'	2.9'	5'	5.0'	55	3.6'	2.5'	3'	5.2'	54	4.7'	2.1'
				10'	39	3.5'	2.3'	9'	5.2'	31	4.3'	3.7'	7'	7.0'	28	5.1'	3.5'	4'	6.9'	30	6.2'	2.8'
				12'	27	4.2'	4.2'	11'	6.4'	21	5.2'	4.5'	9'	9.0'	17	6.6'	4.5'	5'	8.7'	20	7.8'	3.5'
 15W MR16 FL (T-H) (FMW) 40°		1,600	4,000	4'	100	2.9'	2.9'	3'	1.7'	115	3.0'	2.5'	3'	3.0'	63	5.0'	3.1'	1'	1.7'	200	4.8'	1.5'
				6'	44	4.4'	4.4'	5'	2.9'	42	5.1'	4.2'	4'	4.0'	35	6.7'	4.1'	2'	3.5'	50	9.7'	2.9'
				8'	25	5.8'	5.8'	7'	4.0'	21	7.1'	5.9'	5'	5.0'	23	8.4'	5.1'	3'	5.2'	22	14.5'	4.4'
				10'	16	7.3'	7.3'	9'	5.2'	13	9.1'	7.6'	6'	6.0'	16	10.1'	6.2'	4'	6.9'	13	19.3'	5.8'
 2W MR16 VNSP (T-H) (EZY) 9°		13,100	3,500	8'	205	1.3'	1.3'	7'	4.0'	174	1.5'	1.3'	5'	5.0'	185	1.6'	1.1'	3'	5.2'	182	1.9'	0.9'
				12'	91	1.9'	1.9'	10'	5.8'	85	2.1'	1.8'	7'	7.0'	95	2.2'	1.6'	4'	6.9'	102	2.6'	1.3'
				16'	51	2.5'	2.5'	13'	7.5'	50	2.7'	2.4'	9'	9.0'	57	2.9'	2.0'	5'	8.7'	66	3.2'	1.6'
				20'	33	3.1'	3.1'	16'	9.2'	33	3.4'	2.9'	11'	11.0'	38	3.5'	2.4'	6'	10.4'	45	3.8'	1.9'
 2W MR16 NFL (T-H) (EYS) 27°		2,400	4,000	4'	150	1.9'	1.9'	3'	1.7'	173	2.0'	1.7'	3'	3.0'	94	3.1'	2.0'	1'	1.7'	300	2.3'	1.0'
				6'	67	2.9'	2.9'	5'	2.9'	62	3.3'	2.8'	4'	4.0'	53	4.1'	2.7'	2'	3.5'	75	4.8'	1.9'
				8'	38	3.8'	3.8'	7'	4.0'	32	4.6'	3.9'	5'	5.0'	34	5.1'	3.4'	3'	5.2'	33	7.0'	2.9'
				10'	24	4.8'	4.8'	9'	5.2'	19	5.9'	5.0'	6'	6.0'	24	6.1'	4.1'	4'	6.9'	19	9.3'	3.8'
 0W MR16 NSP (T-H) (EXT) 14°		10,200	4,000	8'	159	2.0'	2.0'	7'	4.0'	135	2.3'	2.0'	5'	5.0'	144	2.5'	1.7'	3'	5.2'	142	3.1'	1.5'
				12'	71	2.8'	2.9'	10'	5.8'	66	3.3'	2.8'	7'	7.0'	74	3.5'	2.4'	4'	6.9'	80	4.1'	2.0'
				16'	40	3.9'	3.8'	13'	7.5'	39	4.3'	3.7'	9'	9.0'	45	4.5'	3.1'	5'	8.7'	51	5.1'	2.5'
				20'	26	4.9'	4.9'	16'	9.2'	26	5.3'	4.5'	11'	11.0'	30	5.5'	3.8'	6'	10.4'	35	6.2'	2.9'
 0W MR16 NFL (T-H) (EXZ) 27°		3,400	4,000	6'	94	2.9'	2.9'	5'	2.9'	88	3.3'	2.8'	3'	3.0'	134	3.1'	2.0'	2'	3.5'	106	4.6'	1.9'
				8'	53	3.8'	3.8'	7'	4.0'	45	4.8'	3.9'	5'	5.0'	48	5.1'	3.4'	3'	5.2'	47	7.0'	2.9'
				10'	34	4.8'	4.8'	9'	5.2'	27	5.9'	5.0'	7'	7.0'	25	7.1'	4.8'	4'	6.9'	27	9.3'	3.8'
				12'	24	5.8'	5.8'	11'	6.4'	18	7.2'	6.1'	9'	9.0'	15	9.2'	6.1'	5'	8.7'	17	11.8'	4.8'
 10W MR16 FL (T-H) (EXN) 40°		1,850	4,000	4'	115	2.9'	2.9'	3'	1.7'	134	3.0'	2.5'	3'	3.0'	73	5.0'	3.1'	1'	1.7'	231	4.8'	1.5'
				6'	51	4.4'	4.4'	5'	2.9'	48	5.1'	4.2'	4'	4.0'	41	6.7'	4.1'	2'	3.5'	58	9.7'	2.9'
				8'	29	5.8'	5.8'	7'	4.0'	25	7.1'	5.9'	5'	5.0'	26	8.4'	5.1'	3'	5.2'	26	14.5'	4.4'
				10'	19	7.3'	7.3'	9'	5.2'	15	9.1'	7.8'	6'	6.0'	18	10.1'	6.2'	4'	8.9'	14	19.3'	5.8'
 0W MR16 WLF (T-H) (FNV) 55°		1,150	4,000	3'	128	3.1'	3.1'	3'	1.7'	83	4.6'	3.6'	2'	2.0'	102	5.7'	2.9'	1'	1.7'	144	22.3'	2.1'
				5'	48	5.2'	5.2'	5'	2.9'	30	7.6'	6.0'	3'	3.0'	45	8.6'	4.4'	2'	3.5'	36	44.5'	4.2'
				7'	23	7.3'	7.3'	7'	4.0'	15	10.7'	8.4'	4'	4.0'	25	11.4'	5.9'	3'	5.2'	16	66.8'	6.2'
				9'	14	9.4'	9.4'	9'	5.2'	9	13.7'	10.8'	5'	5.0'	16	14.3'	7.4'	4'	6.9'	9	89.1'	8.3'

## Job Information

## Type:

Lightolier a Genlyte Thomas Company

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We reserve the right to change details of design, materials and finish.

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